

FIG. 1

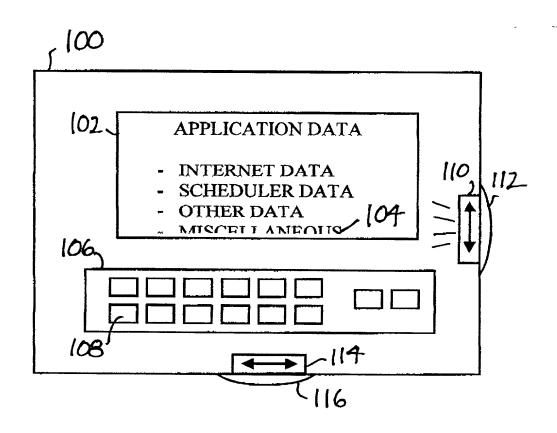
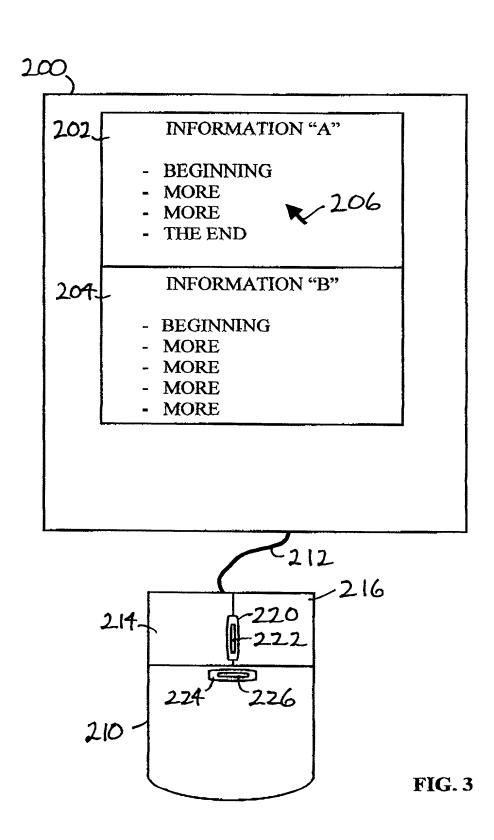
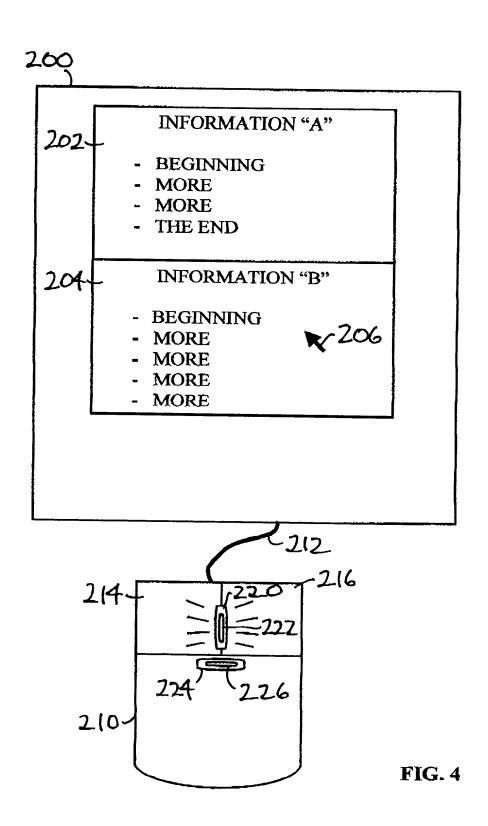


FIG. 2







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DISPLAY INFORMATION IN AT LEAST ONE DISPLAY WINDOW OF A COMPUTING DEVICE HAVING A DISPLAY

- IN ONE EMBODIMENT, INFORMATION IS DISPLAYED IN A PLURALITY OF DISPLAY WINDOWS

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DETERMINE WHETHER A USER OF THE COMPUTING DEVICE IS FOCUSING ON A SPECIFIC DISPLAY WINDOW THAT IS SCROLLABLE

- IN ONE EMBODIMENT, A FIRST CONTROL SIGNAL REPRESENTS THE SELECTION OF A SPECIFIC DISPLAY WINDOW THAT IS SCROLLABLE
- A SECOND CONTROL SIGNAL IS GENERATED FROM VIDEO DISPLAY SOFTWARE INDICATING THAT THE SPECIFIC DISPLAY WINDOW IS SCROLLABLE IN ONE OR MORE DIMENSIONS
- THE DEVICE USER'S SELECTION OF THE SPECIFIC DISPLAY WINDOW CAN BE DETERMINED FROM A USER INTERFACE ELEMENT FROM THE GROUP COMPRISING A CURSOR POSITION, A POINTING DEVICE, A KEY, A BUTTON, A TOUCH SENSITIVE SCREEN, OR A COMBINATION THEREOF

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INDICATE WHETHER THE INFORMATION IS SCROLLABLE BY ACTIVATING A HUMAN PERCEIVABLE STIMULUS CONT. ON FIG. 5B

FIG. 5A

- THE HUMAN PERCEIVABLE STIMULUS CAN BE FROM THE GROUP COMPRISING ACTIVATION OF A LIGHT, A CHANGE IN LIGHT INTENSITY, A CHANGE IN LIGHT COLOR, A CHANGE IN LIGHT LOCATION, A CHANGE IN A LIGHT BLINKING PATTERN, ACTIVATION OF A LEGEND, A CHANGE IN A LEGEND, ACTIVATION OF A SOUND, A CHANGE IN A SOUND, ACTIVATION OF A PHYSICAL MOVEMENT, AND A CHANGE IN A PHYSICAL MOVEMENT
- IN ONE EMBODIMENT, THE HUMAN PERCEIVABLE STEMULUS COMPRISES A LIGHT EMANATING FROM A LIGHT SOURCE, THE LIGHT SOURCE BEING TURNED ON IF THE INFORMATION IS SCROLLABLE, AND THE LIGHT SOURCE BEING OTHERWISE OFF
- THE LIGHT SOURCE CAN BE PROXIMATE TO A SCROLL CONTROL ELEMENT
- IN ANOTHER EMBODIMENT, A FIRST LIGHT SOURCE IS PROXIMATE TO A HORIZONTAL SCROLL CONTROL ELEMENT, AND A SECOND LIGHT SOURCE IS PROXIMATE TO A VERTICAL SCROLL CONTROL ELEMENT
- THE FIRST LIGHT SOURCE IS TURNED ON IF THE INFORMATION IS HORIZONTALLY SCROLLABLE, AND THE FIRST LIGHT SOURCE IS OTHERWISE OFF
- THE SECOND LIGHT SOURCE IS TURNED ON IF THE INFORMATION IS VERTICALLY SCROLLABLE, AND THE SECOND LIGHT SOURCE IS OTHERWISE OFF

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- IN ONE EMBODIMENT, THE FIRST LIGHT SOURCE, THE SECOND LIGHT SOURCE, THE HORIZONTAL SCROLL CONTROL WHEEL, AND THE VERTICAL SCROLL CONTROL WHEEL ARE ELEMENTS OF A POINTING DEVICE
- IN ANOTHER EMBODIMENT, THE FIRST LIGHT SOURCE, THE SECOND LIGHT SOURCE, THE HORIZONTAL SCROLL CONTROL WHEEL, AND THE VERTICAL SCROLL CONTROL WHEEL ARE ELEMENTS FORMING PART OF A COMPUTING DEVICE FROM THE GROUP COMPRISING A PALM-TOP COMPUTER, AN INTERNET APPLIANCE, A LAPTOP COMPUTER, A NOTEBOOK COMPUTER, A PAGER, A CELLULAR TELEPHONE, AN ELECTRONIC BOOK, A COMPUTER NETWORK TERMINAL, AND A PERSONAL COMPUTER

